4/0/5/0/01

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:

Dale L. Hook, et al.

Serial No: Filed:

09/886,765 June 21, 2001

For:

HIGH ENERGY DF CHEMICAL

LASER GAIN GENERATOR AND

RELATED METHOD FOR ITS

FABRICATION

: TRW Docket: 11-1168

Examiner: Not Assigned

Group Art Unit: 2881

### CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents and

Trademarks, Washington, D.C. 20231 on 19/2/17/

By Marilyn & Blacimont

# <u>DECLARATION UNDER SECTION 152 OF 42 U.S.C. 2182</u> (Atomic Energy Act)

Honorable Commissioner of Patents and Trademarks Washington, D.C. 20231

Attention: Licensing and Review

Dear Sir/Madam:

In response to the attached FORM PTOL-456, enclosed is the required Declaration for DOE. I regret any inconvenience caused by submitting the previous incorrect NASA Declaration.

Respectfully submitted,

Date: October 2, 2001

Noel F. Heal

Registration No. 26,074

TRW Space & Electronics Group One Space Park, E2/6051 Redondo Beach, CA 90278

Tele.: 310-812-4910 Fax: 310-812-2687

#### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applic	ant:	Dale J. Hook, et al.	)
Serial	No.:	09/886,765	) Group Art Unit: 2881
Filed:		June 21, 2001	)         Examiner:  Not Assigned )
For:	HIGH ENERGY DF CHEMICAL LASER GAIN GENERATOR AND RELATED METHOD FOR ITS FABRICATION		1

## DECLARATION UNDER SECTION 152 OF 42 U.S.C. 2182 (Atomic Energy Act)

STATE OF CALIFORNIA			
	) s	S	
COUNTY OF LOS ANGELES	)		

Commissioner of Patents and Trademarks Washington, D.C. 20231

ATTENTION:

Licensing and Review

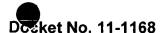
Sir/Madam:

Dale L. Hook and Thomas J. Engler, citizens of the United States of America, residing in Rancho Palos Verdes, California and Los Angeles, California declare:

That they made and conceived the invention described and claimed in patent application, Serial Number 09/886,765, filed in the United States of America on June 21, 2001 entitled, "HIGH ENERGY DF CHEMICAL LASER GAIN GENERATOR AND RELATED METHOD FOR ITS FABRICATION."

That they made and conceived this invention while employed by TRW Inc., One Space Park, Redondo Beach, California 90278. That the invention is related to the work they are employed to perform and was made within the scope of their employment duties; that the invention was made during working hours and with the use of facilities, equipment, material, funds, information and services of TRW Inc.





The invention was not made (conceived or first actually reduced to practice) under nor is there any relationship of the invention to the performance of any work under any contract of the Department of Energy.

The undersigned inventors declare further that all statements made herein of their own knowledge are true and that all statements made on information and belief are believed to be true and further that these statements are made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Inventor's Signature:	
	Dale L. Hook
Post Office Address:	30612 Via La Cresta, Rancho Palos Verdes, California 90275
Dated: Supt 28	, 2001
Inventor's Signature:	Thomas J. Engler
Post Office Address:_	8312 McConnell Avenue, Los Angeles, California 90045
Data de Cont 20	2004